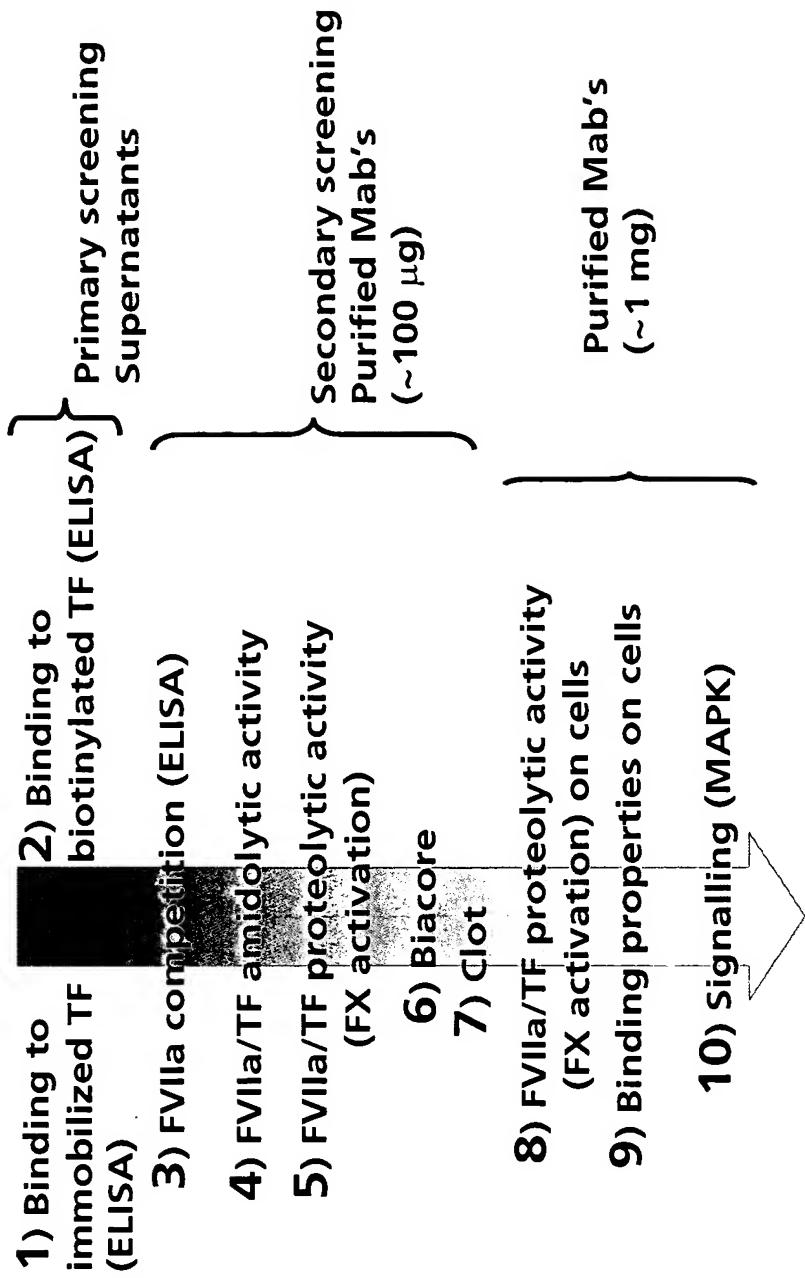


Antibody screening:



正

Primary screening: Assay #1-3 (ELISA's).

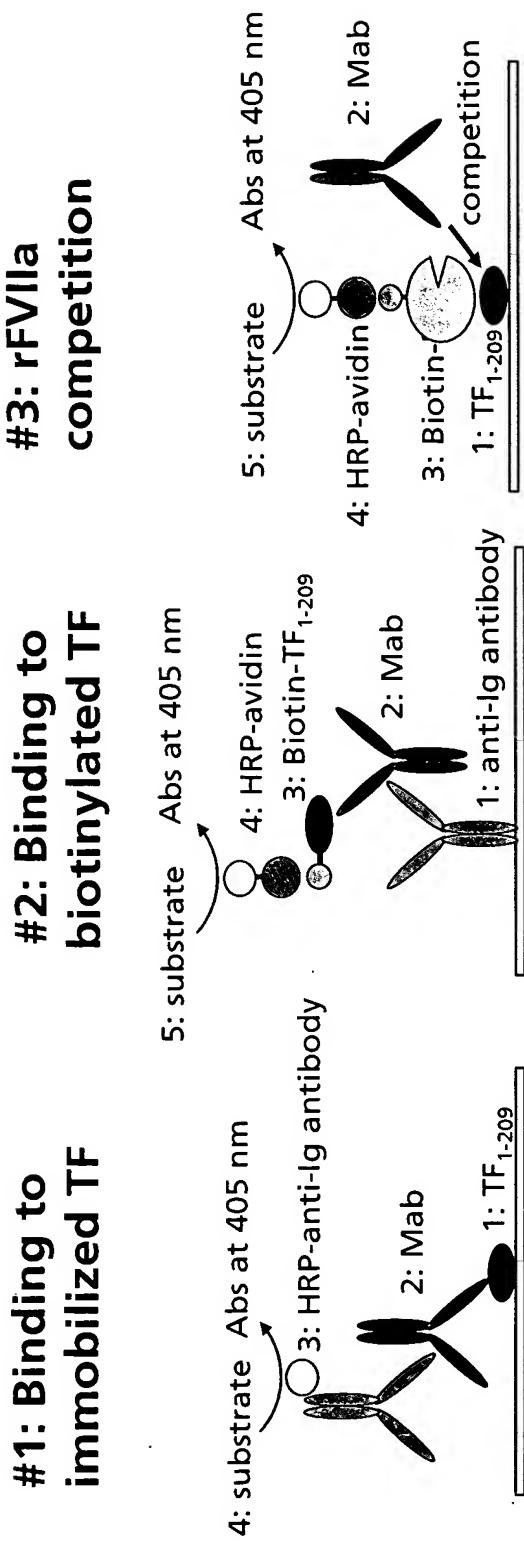


Fig. 2

Secondary screening Assay #4-7 :

Assay #4: FVIIa/TF amidolytic activity:

Assay #5: FVIIa/TF proteolytic activity (factor X activation):

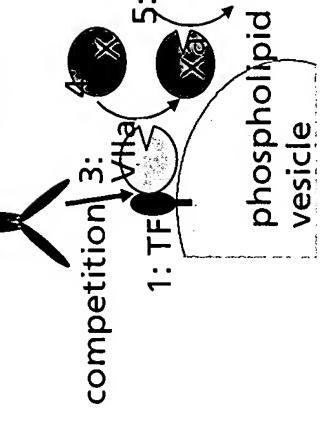
competition



Assay #6: Binding of FVIIa to TF₁₋₂₀₉ (BIAcore): 3: TF₁₋₂₀₉

The diagram illustrates a Western blot analysis. On the left, a vertical line represents the protein sample. Two horizontal lines extend from the sample line to the right, representing the detection steps. The top horizontal line is labeled "2: Mab" and features a Y-shaped icon with three black ovals, representing a monoclonal antibody. The bottom horizontal line is labeled "1: anti IgG" and features a Y-shaped icon with three black ovals, representing a polyclonal antibody. The labels are oriented vertically along the right side of the blot.

2: Mab



2: Mab

competition

1: TF

5: substrate

Abs at 405 nm

phospholipid vesicle

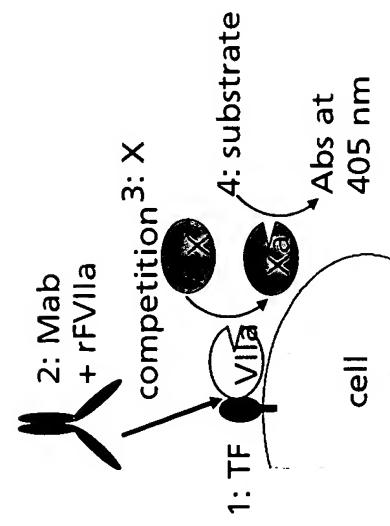
Assay #7: Clotting assay:

2: Mab and Ca^{2+}

Fig. 3

Final screening Assay #8-10 :

Assay #8: FVIIa/TF proteolytic activity (factor X activation) on cells (J82)



Assay #9: Binding properties on J82 cells (competition with ^{125}I -FVIIa) (J82)

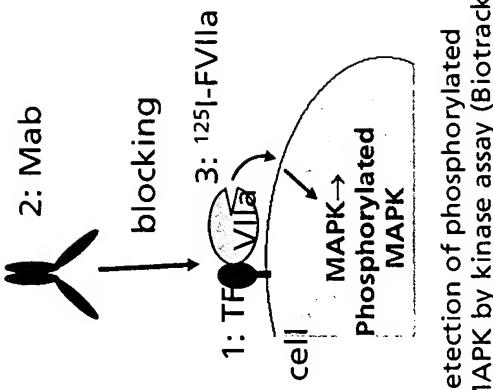
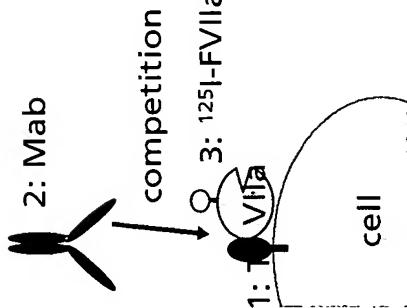


Fig. 4

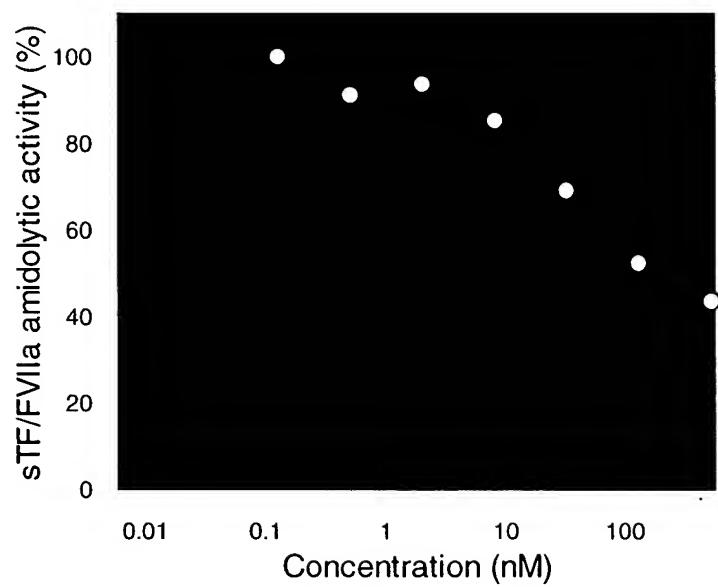


Fig. 5

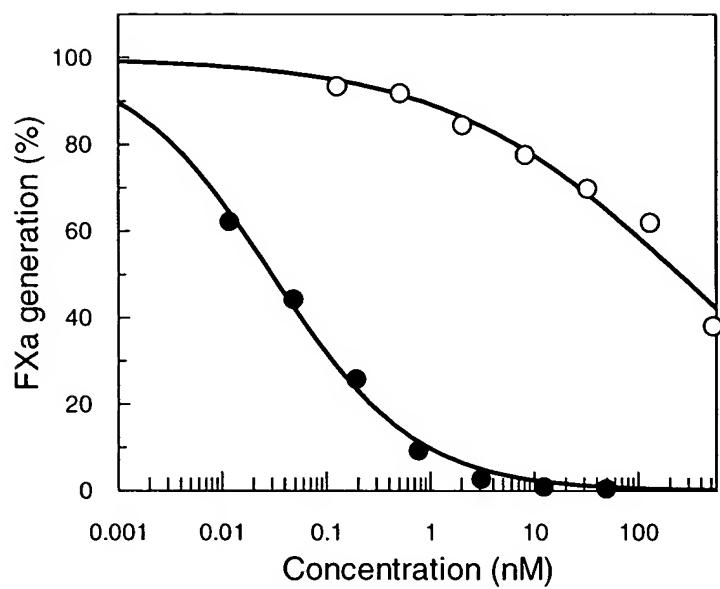


Fig. 6

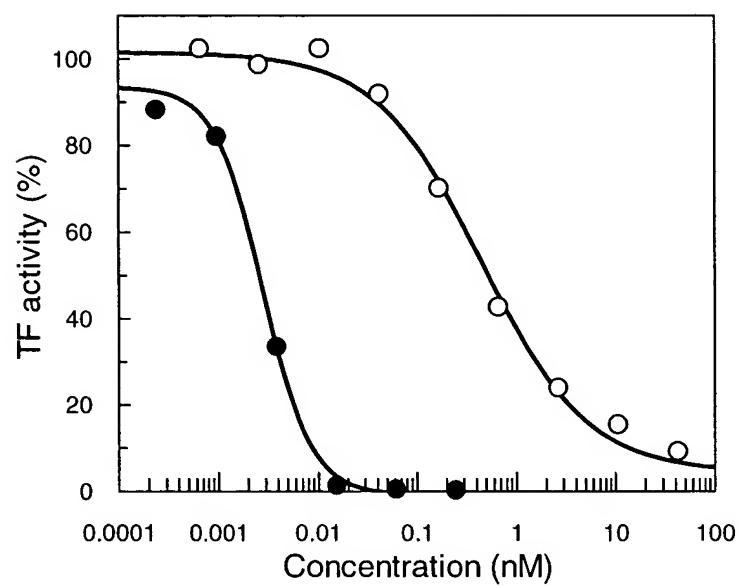


Fig. 7

Only anti-TF antibody preventing FVIIa binding inhibits TF/FVIIa-mediated signaling

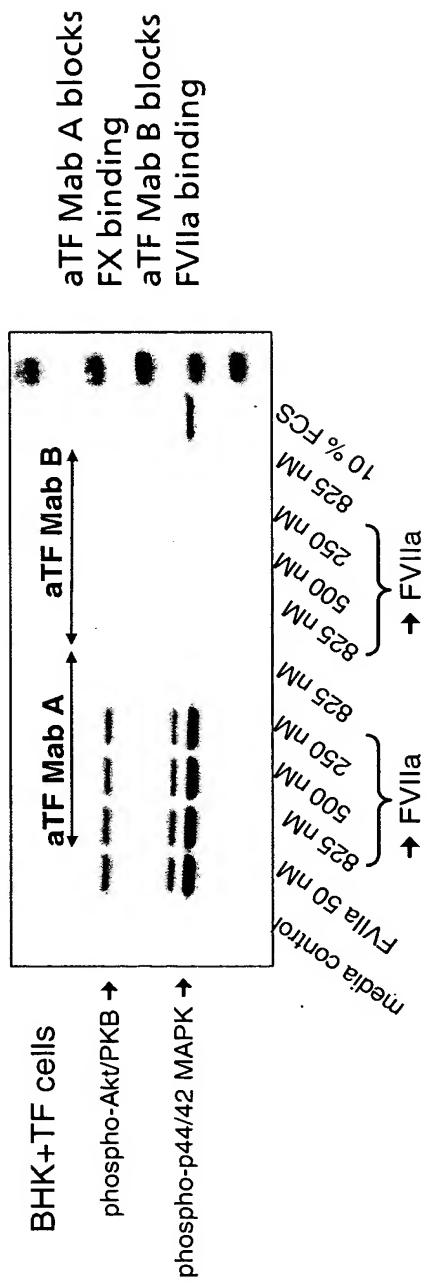


Fig. 8

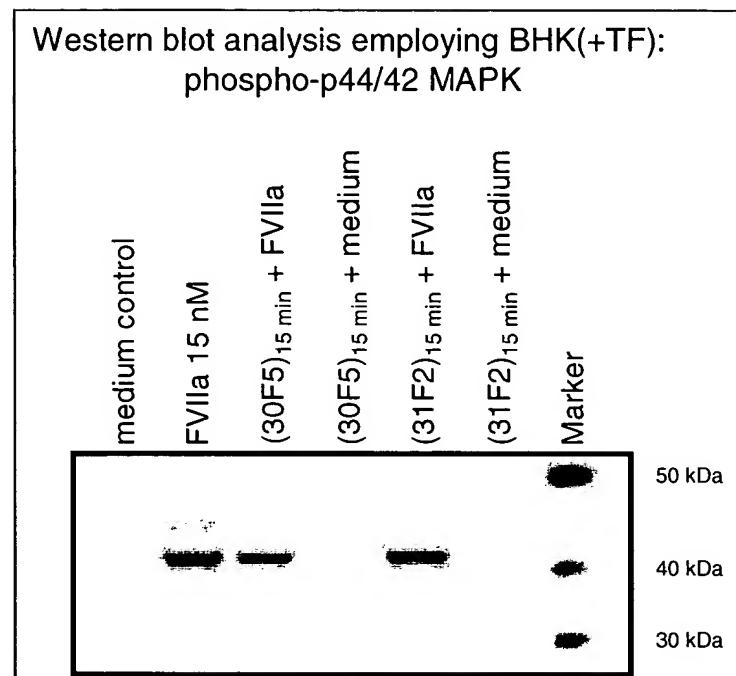


Fig. 9

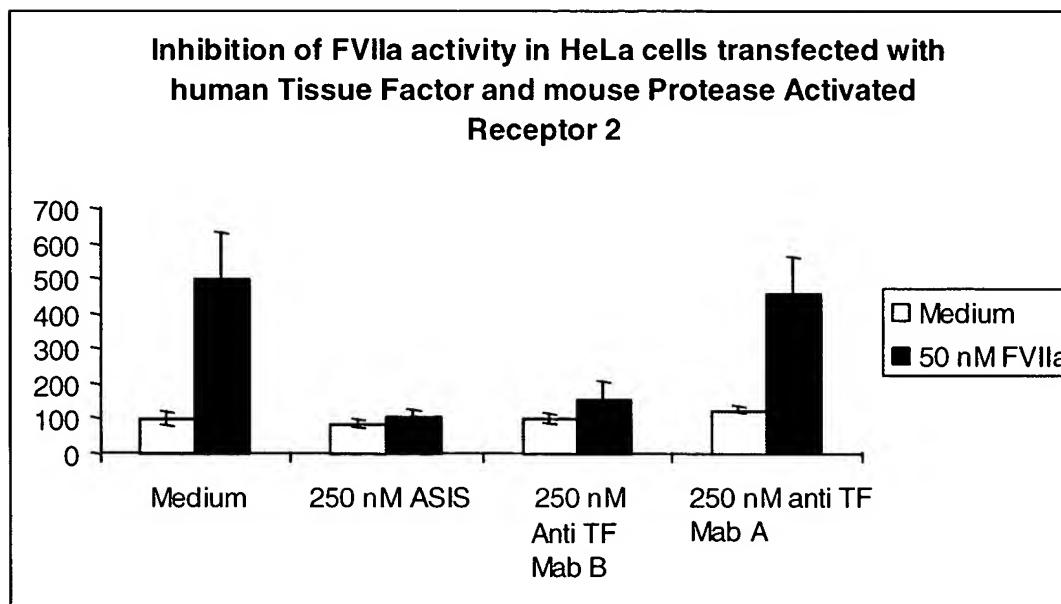


Fig. 10

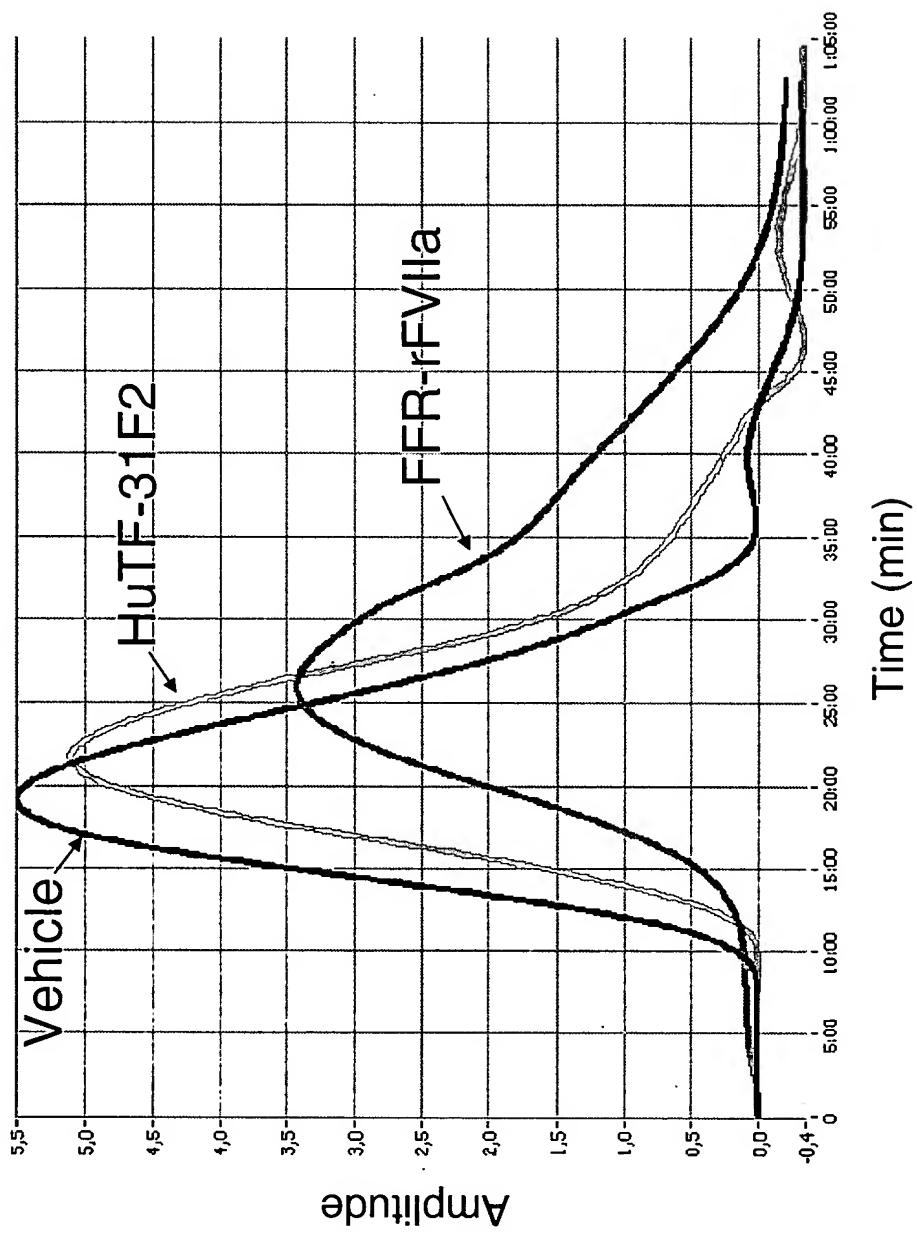


Fig. 11